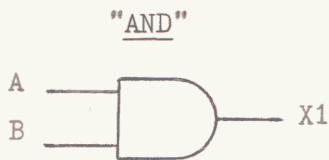
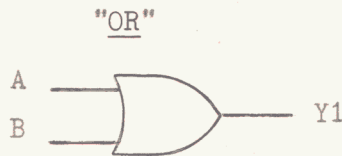


# UNDERSTANDING BASIC GATING

(Gates vs Functions, Functions vs Input Levels)



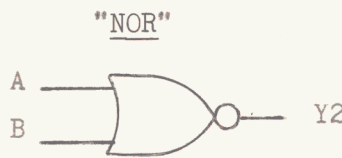
A	B	X <sub>1</sub>
0	0	
0	1	
1	0	
1	1	



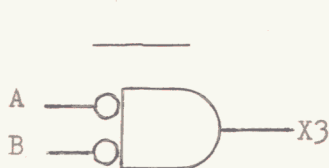
A	B	Y <sub>1</sub>
0	0	
0	1	
1	0	
1	1	



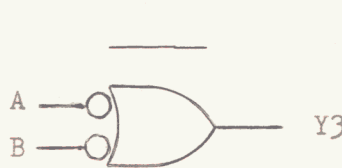
A	B	X <sub>2</sub>
0	0	
0	1	
1	0	
1	1	



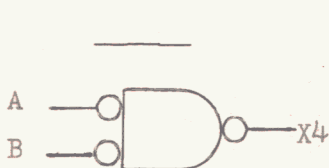
A	B	Y <sub>2</sub>
0	0	
0	1	
1	0	
1	1	



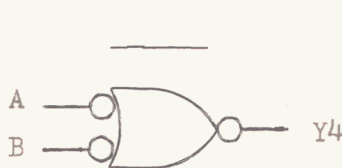
A	B	X <sub>3</sub>
0	0	
0	1	
1	0	
1	1	



A	B	Y <sub>3</sub>
0	0	
0	1	
1	0	
1	1	



A	B	X <sub>4</sub>
0	0	
0	1	
1	0	
1	1	



A	B	Y <sub>4</sub>
0	0	
0	1	
1	0	
1	1	

"NOT" Function



*Handwritten signature*  
1-18-73